Arjan Kuijper

List of Publications by Year
in descending order

260 papers	3,359 citations	346980 22 h-index	340414 39 g-index
280 all docs	280 docs citations	280 times ranked	2751 citing authors

#	Article	IF	Citations
1	A Comprehensive Study on Face Recognition Biases Beyond Demographics. IEEE Transactions on Technology and Society, 2022, 3, 16-30.	2.4	45
2	Real masks and spoof faces: On the masked face presentation attack detection. Pattern Recognition, 2022, 123, 108398.	5.1	37
3	Self-restrained triplet loss for accurate masked face recognition. Pattern Recognition, 2022, 124, 108473.	5.1	61
4	Template-Driven Knowledge Distillation for Compact and Accurate Periocular Biometrics Deep-Learning Models. Sensors, 2022, 22, 1921.	2.1	6
5	Lightweight Long Short-Term Memory Variational Auto-Encoder for Multivariate Time Series Anomaly Detection in Industrial Control Systems. Sensors, 2022, 22, 2886.	2.1	12
6	PocketNet: Extreme Lightweight Face Recognition Network Using Neural Architecture Search and Multistep Knowledge Distillation. IEEE Access, 2022, 10, 46823-46833.	2.6	30
7	Masked face recognition: Human versus machine. IET Biometrics, 2022, 11, 512-528.	1.6	9
8	Double Deep Q-Learning With Prioritized Experience Replay for Anomaly Detection in Smart Environments. IEEE Access, 2022, 10, 60836-60848.	2.6	9
9	Performance Comparison of E-Textile Electrode Properties in a Capacitive Proximity Sensing Setting. , 2022, , .		1
10	Progressive Bilateral-Context Driven Model for Post-Processing Person Re-Identification. IEEE Transactions on Multimedia, 2021, 23, 1239-1251.	5.2	9
11	Detection of Fiber Defects Using Keypoints and Deep Learning. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2150016.	0.7	2
12	Privacyâ€"Enhancing Face Biometrics: A Comprehensive Survey. IEEE Transactions on Information Forensics and Security, 2021, 16, 4147-4183.	4.5	59
13	Generalization of Fitness Exercise Recognition from Doppler Measurements by Domain-Adaption and Few-Shot Learning. Lecture Notes in Computer Science, 2021, , 203-218.	1.0	0
14	On Soft-Biometric Information Stored in Biometric Face Embeddings. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 519-534.	3.8	8
15	Demographic Bias in Presentation Attack Detection of Iris Recognition Systems. , 2021, , .		15
16	Extended evaluation of the effect of real and simulated masks on face recognition performance. IET Biometrics, 2021, 10, 548-561.	1.6	29
17	Person Re-Identification in a Car Seat: Comparison of Cosine Similarity and Triplet Loss based approaches on Capacitive Proximity Sensing data. , 2021, , .		0
18	MFR 2021: Masked Face Recognition Competition. , 2021, , .		33

#	Article	IF	Citations
19	MixFaceNets: Extremely Efficient Face Recognition Networks. , 2021, , .		29
20	MAAD-Face: A Massively Annotated Attribute Dataset for Face Images. IEEE Transactions on Information Forensics and Security, 2021, 16, 3942-3957.	4.5	16
21	A Graphical Social Topology Model for RGB-D Multi-Person Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4305-4320.	5.6	7
22	A self-adaptive learning method for motion blur kernel estimation of the single image. Optik, 2021, 248, 168023.	1.4	1
23	Partial Attack Supervision and Regional Weighted Inference for Masked Face Presentation Attack Detection. , 2021, , .		15
24	Iris and periocular biometrics for head mounted displays: Segmentation, recognition, and synthetic data generation. Image and Vision Computing, 2020, 104, 104007.	2.7	27
25	Performing Realistic Workout Activity Recognition on Consumer Smartphones. Technologies, 2020, 8, 65.	3.0	1
26	Post-comparison mitigation of demographic bias in face recognition using fair score normalization. Pattern Recognition Letters, 2020, 140, 332-338.	2.6	28
27	Improved estimation of motion blur parameters for restoration from a single image. PLoS ONE, 2020, 15, e0238259.	1.1	8
28	SER-FIQ: Unsupervised Estimation of Face Image Quality Based on Stochastic Embedding Robustness. , 2020, , .		86
29	ExerTrackâ€"Towards Smart Surfaces to Track Exercises. Technologies, 2020, 8, 17.	3.0	8
30	Sensing Technology for Human Activity Recognition: A Comprehensive Survey. IEEE Access, 2020, 8, 83791-83820.	2.6	81
31	PE-MIU: A Training-Free Privacy-Enhancing Face Recognition Approach Based on Minimum Information Units. IEEE Access, 2020, 8, 93635-93647.	2.6	16
32	Periocular Biometrics in Head-Mounted Displays: A Sample Selection Approach for Better Recognition. , 2020, , .		7
33	Comparison-Level Mitigation of Ethnic Bias in Face Recognition. , 2020, , .		13
34	Demonstration and Analysis of an Extended Adaptive General Four-Component Decomposition. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2573-2586.	2.3	8
35	Face Quality Estimation and Its Correlation to Demographic and Non-Demographic Bias in Face Recognition. , 2020, , .		26
36	On Benchmarking Iris Recognition within a Head-mounted Display for AR/VR Applications. , 2020, , .		7

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37	Unconstrained workout activity recognition on unmodified commercial off-the-shelf smartphones. , 2020, , .		5
38	Data augmentation for time series. , 2020, , .		3
39	Privacy by Design: Survey on Capacitive Proximity Sensing as System of Choice for Driver Vehicle Interfaces. , 2020, , .		3
40	AutoSNAP: Automatically Learning Neural Architectures for Instrument Pose Estimation. Lecture Notes in Computer Science, 2020, , 375-384.	1.0	1
41	Privacy by Design: Analysis of Capacitive Proximity Sensing as System of Choice for Driver Vehicle Interfaces. Lecture Notes in Computer Science, 2020, , 51-66.	1.0	0
42	Beyond Identity: What Information Is Stored in Biometric Face Templates?. , 2020, , .		20
43	An experimental overview on electric field sensing. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 813-824.	3.3	3
44	Unsupervised privacy-enhancement of face representations using similarity-sensitive noise transformations. Applied Intelligence, 2019, 49, 3043-3060.	3.3	26
45	Minutiae-Based Gender Estimation for Full and Partial Fingerprints of Arbitrary Size and Shape. Lecture Notes in Computer Science, 2019, , 171-186.	1.0	1
46	Seamless and non-repetitive 4D texture variation synthesis and real-time rendering for measured optical material behavior. Computational Visual Media, 2019, 5, 161-170.	10.8	1
47	Designing a self-aware jacket. , 2019, , .		0
48	Robust driver foot tracking and foot gesture recognition using capacitive proximity sensing. Journal of Ambient Intelligence and Smart Environments, 2019, 11, 221-235.	0.8	9
49	Habitat-Net: Segmentation of habitat images using deep learning. Ecological Informatics, 2019, 51, 121-128.	2.3	20
50	Reliable Age and Gender Estimation from Face Images: Stating the Confidence of Model Predictions. , 2019, , .		16
51	Suppressing Gender and Age in Face Templates Using Incremental Variable Elimination. , 2019, , .		17
52	Enhanced Multiple-Object Tracking Using Delay Processing and Binary-Channel Verification. Applied Sciences (Switzerland), 2019, 9, 4771.	1.3	3
53	Performing indoor localization with electric potential sensing. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 731-746.	3.3	22
54	Investigating large curved interaction devices. Personal and Ubiquitous Computing, 2019, 23, 739-748.	1.9	1

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55	Histograms of Gaussian normal distribution for 3D feature matching in cluttered scenes. Visual Computer, 2019, 35, 489-505.	2.5	9
56	Piggybacking Detection Based on Coupled Body-Feet Recognition at Entrance Control. Lecture Notes in Computer Science, 2019, , 780-789.	1.0	1
57	Hough-space-based hypothesis generation and hypothesis verification for 3D object recognition and 6D pose estimation. Computers and Graphics, 2018, 72, 122-134.	1.4	3
58	A universal, closed-form approach for absolute pose problems. Computer Vision and Image Understanding, 2018, 173, 57-75.	3.0	5
59	Feature Fusion Information Statistics for feature matching in cluttered scenes. Computers and Graphics, 2018, 77, 50-64.	1.4	4
60	The Emotive Couch - Learning Emotions by Capacitively Sensed. Procedia Computer Science, 2018, 130, 263-270.	1.2	9
61	CrazyFaces: Unassisted Circumvention of Watchlist Face Identification. , 2018, , .		14
62	SurfaceVox - Exploring Sound Control for Gesture-Tracking Interactive Surfaces. , 2018, , .		0
63	Enabling Driver Feet Gestures Using Capacitive Proximity Sensing. , 2018, , .		6
64	Surface Acoustic Arrays to Analyze Human Activities in Smart Environments. Lecture Notes in Computer Science, 2018, , 115-130.	1.0	1
65	Deep Learning-based Face Recognition and the Robustness to Perspective Distortion. , 2018, , .		9
66	An Integrated Deep Neural Network for Defect Detection in Dynamic Textile Textures. Lecture Notes in Computer Science, 2018, , 77-84.	1.0	6
67	Fingerprint and Iris Multi-Biometric Data Indexing and Retrieval. , 2018, , .		3
68	Deep and Multi-Algorithmic Gender Classification of Single Fingerprint Minutiae. , 2018, , .		9
69	Prototyping Shape-Sensing Fabrics Through Physical Simulation. Lecture Notes in Computer Science, 2018, , 147-161.	1.0	1
70	Step by Step: Early Detection of Diseases Using an Intelligent Floor. Lecture Notes in Computer Science, 2018, , 131-146.	1.0	1
71	A light and faster regional convolutional neural network for object detection in optical remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 141, 208-218.	4.9	142
72	Fitness Activity Recognition on Smartphones Using Doppler Measurements. Informatics, 2018, 5, 24.	2.4	14

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73	Visualization of Zoomable 2D Projections on the Web. Lecture Notes in Computer Science, 2018, , 740-755.	1.0	0
74	Visual Guidance to Find the Right Spot in Parameter Space. Lecture Notes in Computer Science, 2018, , 527-544.	1.0	0
75	Deferred Warping. IEEE Computer Graphics and Applications, 2017, 37, 76-87.	1.0	2
76	Search Intention Analysis for Task- and User-Centered Visualization in Big Data Applications. Procedia Computer Science, 2017, 104, 539-547.	1.2	5
77	Indoor Localization Based on Passive Electric Field Sensing. Lecture Notes in Computer Science, 2017, , 64-79.	1.0	6
78	E-Textile Couch: Towards Smart Garments Integrated Furniture. Lecture Notes in Computer Science, 2017, , 214-224.	1.0	11
79	Mutual Information-Based Tracking for Multiple Cameras and Multiple Planes. Arabian Journal for Science and Engineering, 2017, 42, 3451-3463.	1.7	1
80	Efficient, Accurate, and Rotation-Invariant Iris Code. IEEE Signal Processing Letters, 2017, 24, 1233-1237.	2.1	11
81	Beyond Group: Multiple Person Tracking via Minimal Topology-Energy-Variation. IEEE Transactions on Image Processing, 2017, 26, 1-1.	6.0	14
82	Robust, fast and accurate vision-based localization of a cooperative target used for space robotic arm. Acta Astronautica, 2017, 136, 101-114.	1.7	21
83	CapSoles. , 2017, , .		34
84	Talis â€" A Design Study for a Wearable Device to Assist People with Depression. , 2017, , .		7
85	Curved - free-form interaction using capacitive proximity sensors. Procedia Computer Science, 2017, 109, 59-66.	1.2	3
86	Efficient compression for server-side G-buffer streaming in web applications. , 2017, , .		0
87	[POSTER] Efficient Pose Selection for Interactive Camera Calibration. , 2017, , .		2
88	Evaluating the recognition of bed postures using mutual capacitance sensing. Journal of Ambient Intelligence and Smart Environments, 2017, 9, 113-127.	0.8	9
89	General borda count for multi-biometric retrieval. , 2017, , .		8
90	User Friendly Calibration for Tracking of Optical Stereo See-Through Head Worn Displays for Augmented Reality. , 2017, , .		0

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91	New Approach for Optimizing the Usage of Situation Recognition Algorithms Within IoT Domains. Lecture Notes in Computer Science, 2017, , 183-196.	1.0	2
92	AuthentiCap - A Touchless Vehicle Authentication and Personalization System. Lecture Notes in Computer Science, 2017, , 46-63.	1.0	5
93	Fiber Defect Detection of Inhomogeneous Voluminous Textiles. Lecture Notes in Computer Science, 2017, , 278-287.	1.0	8
94	Indexing of Single and Multi-instance Iris Data Based on LSH-Forest and Rotation Invariant Representation. Lecture Notes in Computer Science, 2017, , 190-201.	1.0	5
95	Unifying Algebraic Solvers for Scaled Euclidean Registration from Point, Line and Plane Constraints. Lecture Notes in Computer Science, 2017, , 52-66.	1.0	0
96	Texturizing and Refinement of 3D City Models with Mobile Devices. Lecture Notes in Computer Science, 2017, , 313-324.	1.0	1
97	Visual Interactive Creation of Geo-located Networks. , 2017, , .		0
98	Benchmarking sensors in smart environmentsÂâ€" Method and use cases. Journal of Ambient Intelligence and Smart Environments, 2016, 8, 645-664.	0.8	2
99	Modeling and Implementation of Multi-Position Non-Continuous Rotation Gyroscope North Finder. Sensors, 2016, 16, 1513.	2.1	6
100	High Availability of Big-Geo-Data as a Platform as a Service. Lecture Notes in Computer Science, 2016, , 306-318.	1.0	0
101	Exploration of Natural Free-Hand Interaction for Shape Modeling Using Leap Motion Controller. , 2016, , .		10
102	Multi-Camera Piecewise Planar Object Tracking with Mutual Information. Journal of Mathematical Imaging and Vision, 2016, 56, 591-602.	0.8	5
103	Platypus. , 2016, , .		53
104	Understanding People's Mental Models of Mid-Air Interaction for Virtual Assembly and Shape Modeling. , 2016, , .		13
105	CapTap. , 2016, , .		8
106	A Modular Rule-Based Visual Interactive Creation of Tree-Shaped Geo-Located Networks. , 2016, , .		2
107	Overview with details for exploring geo-located graphs on maps. Information Visualization, 2016, 15, 214-237.	1.2	10
108	Modeling a virtual robotic system for automated 3D digitization of cultural heritage artifacts. Journal of Cultural Heritage, 2016, 19, 531-537.	1.5	10

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109	Mid-Air Gestures for Virtual Modeling with Leap Motion. Lecture Notes in Computer Science, 2016, , 221-230.	1.0	8
110	Stereo-Image Normalization of Voluminous Objects Improves Textile Defect Recognition. Lecture Notes in Computer Science, 2016, , 181-192.	1.0	4
111	Image-Based Post-processing for Realistic Real-Time Rendering of Scenes in the Presence of Fluid Simulations and Image-Based Lighting. Lecture Notes in Computer Science, 2016, , 414-425.	1.0	0
112	Dynamic Sampling for Visual Exploration of Large Dense-Dense Matrices. Lecture Notes in Computer Science, 2016, , 308-318.	1.0	0
113	Screen Space Cone Tracing for Glossy Reflections. Lecture Notes in Computer Science, 2016, , 308-318.	1.0	0
114	Exploring Machine Learning Object Classification for Interactive Proximity Surfaces. Lecture Notes in Computer Science, 2016, , 157-167.	1.0	0
115	RDEPS: A Combined Reaction-Diffusion Equation and Photometric Similarity Filter for Optical Image Restoration. Lecture Notes in Computer Science, 2016, , 43-54.	1.0	0
116	Investigating Low-Cost Wireless Occupancy Sensors for Beds. Lecture Notes in Computer Science, 2016, , 26-34.	1.0	3
117	Visualization of Composer Relationships Using Implicit Data Graphs. Lecture Notes in Computer Science, 2016, , 300-312.	1.0	1
118	3DHOG for geometric similarity measurement and retrieval for digital cultural heritage archives. , 2015, , .		1
119	Capacitive proximity sensing in smart environments. Journal of Ambient Intelligence and Smart Environments, 2015, 7, 483-510.	0.8	75
120	Acoustic tracking of hand activities on surfaces. , 2015, , .		19
121	Enhancing traffic safety with wearable low-resolution displays. , 2015, , .		8
122	On-orbit real-time robust cooperative target identification in complex background. Chinese Journal of Aeronautics, 2015, 28, 1451-1463.	2.8	10
123	Extended surface distance for local evaluation of 3D medical image segmentations. Visual Computer, 2015, 31, 989-999.	2.5	4
124	Underwater stereo calibration utilizing virtual object points. , 2015, , .		6
125	Opportunities for activity recognition using ultrasound doppler sensing on unmodified mobile phones. , 2015, , .		10
126	Visual trend analysis with digital libraries. , 2015, , .		15

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127	New constraints for underwater stereo calibration. , 2015, , .		1
128	Stable dynamic webshadows in the X3DOM framework. Expert Systems With Applications, 2015, 42, 3585-3609.	4.4	10
129	Visual Interactive Process Monitoring. Lecture Notes in Computer Science, 2015, , 74-85.	1.0	0
130	Guest Editorial: Scale Space and Variational Methods. Journal of Mathematical Imaging and Vision, 2015, 52, 1-2.	0.8	3
131	Immersive Interaction Paradigms for Controlling Virtual Worlds by Customer Devices Exemplified in a Virtual Planetarium. Lecture Notes in Computer Science, 2015, , 74-86.	1.0	0
132	Evaluating 3D thumbnails for virtual object galleries. , 2015, , .		1
133	Notes on Discrete Gaussian Scale Space. Journal of Mathematical Imaging and Vision, 2015, 51, 106-123.	0.8	3
134	Visual Comparison of 3D Medical Image Segmentation Algorithms Based on Statistical Shape Models. Lecture Notes in Computer Science, 2015, , 336-344.	1.0	7
135	Ambient Intelligence from Senior Citizens' Perspectives: Understanding Privacy Concerns, Technology Acceptance, and Expectations. Lecture Notes in Computer Science, 2015, , 48-59.	1.0	32
136	Functional Modelling And Simulation Of Overall System Ship â€" Virtual Methods For Engineering And Commissioning In Shipbuilding. , 2015, , .		4
137	Intuitive Placement of Objects in Web-Based CAD Environments. Communications in Computer and Information Science, 2015, , 414-420.	0.4	0
138	Fundamental Aspects for E-Government. , 2015, , 52-68.		0
139	Delta Global Illumination for Mixed Reality. Lecture Notes in Computer Science, 2015, , 108-118.	1.0	3
140	Optimization-based Automatic Segmentation of Organic Objects of Similar Types. , 2015, , .		0
141	A Gesture Recognition Method for Proximity-Sensing Surfaces in Smart Environments. Lecture Notes in Computer Science, 2015, , 163-173.	1.0	1
142	Context-Based Document Management in Smart Living Environments. Lecture Notes in Computer Science, 2015, , 382-394.	1.0	0
143	Centralized Approach for a Unified Wireless Network Access. Lecture Notes in Computer Science, 2015, , 547-559.	1.0	0
144	Semi-automatic Analysis of Huge Digital Nautical Charts of Coastal Aerial Images. , 2015, , .		1

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145	Towards interactive car interiors. , 2014, , .		10
146	Multi-view Photometric Stereo by Example. , 2014, , .		8
147	Spatial data structures for accelerated 3D visibility computation to enable large model visualization on the web. , 2014, , .		23
148	Comparison of e-participation roadmap in industrial and developing countries based on Germany and Kenya. , 2014, , .		1
149	Capacitive near-field communication for ubiquitous interaction and perception. , 2014, , .		49
150	Inbound interdomain traffic engineering with LISP. , 2014, , .		4
151	Privacy Protection of Biometric Templates. Communications in Computer and Information Science, 2014, , 153-158.	0.4	4
152	Hierarchical image representation using 3D camera geometry for content-based image retrieval. Engineering Applications of Artificial Intelligence, 2014, 30, 235-241.	4.3	3
153	Demo hour. Interactions, 2014, 21, 6-9.	0.8	0
154	Text and image area classification in mobile scanned digitised documents. International Journal of Applied Pattern Recognition, 2014, 1, 173.	0.3	2
155	Measuring context relevance for adaptive semantics visualizations. , 2014, , .		3
156	Interaction Taxonomy for Tracking of User Actions in Visual Analytics Applications. , 2014, , 653-670.		14
157	The Common Implementation Framework as Service â€" Towards Novel Applications for Streamlined Presentation of 3D Content on the Web. Lecture Notes in Computer Science, 2014, , 3-14.	1.0	8
158	User Similarity and Deviation Analysis for Adaptive Visualizations. Lecture Notes in Computer Science, 2014, , 64-75.	1.0	5
159	A Benchmarking Model for Sensors in Smart Environments. Lecture Notes in Computer Science, 2014, , 242-257.	1.0	5
160	Recognition of Bed Postures Using Mutual Capacitance Sensing. Lecture Notes in Computer Science, 2014, , 51-66.	1.0	17
161	Efficient Heuristic Adaptive Quadrature on GPUs: Design and Evaluation. Lecture Notes in Computer Science, 2014, , 652-662.	1.0	5
162	Fundamental Aspects for E-Government. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2014, , 1-18.	0.2	2

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163	Ambient Gesture-Recognizing Surfaces with Visual Feedback. Lecture Notes in Computer Science, 2014, , 97-108.	1.0	6
164	Image processing by minimising L p norms. Pattern Recognition and Image Analysis, 2013, 23, 226-235.	0.6	2
165	Preface to the Special Issue on Cyberworlds 2012. Visual Computer, 2013, 29, 1025-1026.	2.5	0
166	Extending a distributed virtual reality system with exchangeable rendering back-ends. Visual Computer, 2013, 29, 1039-1049.	2.5	5
167	Opening up the â€œblack boxâ€•of medical image segmentation with statistical shape models. Visual Computer, 2013, 29, 893-905.	2.5	16
168	Human action recognition based on skeleton splitting. Expert Systems With Applications, 2013, 40, 6848-6855.	4.4	22
169	Visual Analytics for model-based medical image segmentation: Opportunities and challenges. Expert Systems With Applications, 2013, 40, 4934-4943.	4.4	29
170	Fast, Progressive Loading of Binary-Encoded Declarative-3D Web Content. IEEE Computer Graphics and Applications, 2013, 33, 26-36.	1.0	17
171	The 2nd competition on counter measures to 2D face spoofing attacks. , 2013, , .		64
172	OpenCapSense: A rapid prototyping toolkit for pervasive interaction using capacitive sensing. , 2013, , .		68
173	Missing data estimation in multi-biometric identification and verification. , 2013, , .		7
174	Screen-Space Ambient Occlusion Using A-Buffer Techniques. , 2013, , .		7
175	On the Local Form and Transitions of Pre-symmetry Sets. Journal of Mathematical Imaging and Vision, 2013, 45, 13-30.	0.8	1
176	MobileAR Browser â€“ A generic architecture for rapid AR-multi-level development. Expert Systems With Applications, 2013, 40, 2704-2714.	4.4	37
177	Sm@rtConfig: A context-aware runtime and tuning system using an aspect-oriented approach for data intensive engineering applications. Control Engineering Practice, 2013, 21, 204-217.	3.2	10
178	Application of Radial Ray Based Segmentation to Cervical Lymph Nodes in CT Images. IEEE Transactions on Medical Imaging, 2013, 32, 888-900.	5.4	14
179	Towards precise real-time 3D difference detection for industrial applications. Computers in Industry, 2013, 64, 1115-1128.	5.7	42
180	Swiss-cheese extended. , 2013, , .		32

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181	Lazy Nonlinear Diffusion Parameter Estimation. Lecture Notes in Computer Science, 2013, , 211-220.	1.0	1
182	3D Anisotropic Diffusion on GPUs by Closed-Form Local Tensor Computations. Numerical Mathematics, 2013, 6, 72-94.	0.6	1
183	Nonlinear diffusion at your fingertips: Theory and mobile applications. , 2013, , .		0
184	COMPARING BITMAPPED MICRORNA STRUCTURE IMAGES USING MUTUAL SYMMETRY. International Journal of Image and Graphics, 2013, 13, 1350008.	1.2	0
185	Discrete Deep Structure. Lecture Notes in Computer Science, 2013, , 343-354.	1.0	1
186	Providing Visual Support for Selecting Reactive Elements in Intelligent Environments. Lecture Notes in Computer Science, 2013, , 248-263.	1.0	2
187	Multimodal Kinect-Supported Interaction for Visually Impaired Users. Lecture Notes in Computer Science, 2013, , 500-509.	1.0	2
188	Visual Access to Optimization Problems in Strategic Environmental Assessment. Lecture Notes in Computer Science, 2013, , 361-372.	1.0	4
189	Visual Statistics Cockpits for Information Gathering in the Policy-Making Process. Lecture Notes in Computer Science, 2013, , 86-97.	1.0	7
190	Weighted Patch-Based Reconstruction: Linking (Multi-view) Stereo to Scale Space. Lecture Notes in Computer Science, 2013, , 234-245.	1.0	1
191	Graph-based combinations of fragment descriptors for improved 3D Object Retrieval. , 2012, , .		4
192	Modulation transfer function of patch-based stereo systems. , 2012, , .		7
193	Retrieving secrets from iris fuzzy commitment. , 2012, , .		10
194	Fusing Real-Time Depth Imaging with High Precision Pose Estimation by a Measurement Arm. , 2012, , .		3
195	Laplacian Eigenimages in Discrete Scale Space. Lecture Notes in Computer Science, 2012, , 162-170.	1.0	2
196	Efficient Volumetric Anisotropic Diffusion Computation on GPUs. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 737-738.	0.2	0
197	Visual support system for selecting reactive elements in intelligent environments. , 2012, , .		7
198	Towards Reconstructing a 3D Face Model from an Uncontrolled Video Sequence. , 2012, , .		0

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199	Practical Noise Reduction for Progressive Stochastic Ray Tracing with Perceptual Control. IEEE Computer Graphics and Applications, 2012, 32, 46-55.	1.0	6
200	Quantifying privacy and security of biometric fuzzy commitment. , 2011, , .		32
201	Resource-constrained signal propagation modeling for tactical mobile ad hoc networks. , 2011, , .		1
202	A Comparison of xPU Platforms Exemplified with Ray Tracing Algorithms. , 2011, , .		0
203	Interactive Personalization of Ambient Assisted Living Environments. Lecture Notes in Computer Science, 2011, , 567-576.	1.0	8
204	Reconstruction and Accurate Alignment of Feature Maps for Augmented Reality. , 2011, , .		15
205	Visual Analysis of Large Graphs: State‑of‑the‑Art and Future Research Challenges. Computer Graphics Forum, 2011, 30, 1719-1749.	1.8	368
206	Composing the feature map retrieval process for robust and ready-to-use monocular tracking. Computers and Graphics, 2011, 35, 778-788.	1.4	15
207	An Effective Dynamic Scheduling Runtime and Tuning System for Heterogeneous Multi and Many-Core Desktop Platforms. , 2011, , .		13
208	Sketch-based 3D model retrieval using compressive sensing classification. Electronics Letters, 2011, 47, 1181.	0.5	12
209	A Reference Model for Adaptive Visualization Systems. Lecture Notes in Computer Science, 2011, , 480-489.	1.0	27
210	Interacting with Semantics and Time. Lecture Notes in Computer Science, 2011, , 520-529.	1.0	2
211	Modeling Users for Adaptive Semantics Visualizations. Lecture Notes in Computer Science, 2011, , 88-97.	1.0	3
212	Search Intention Analysis for User-Centered Adaptive Visualizations. Lecture Notes in Computer Science, 2011, , 317-326.	1.0	1
213	SemaZoom: Semantics Exploration by Using a Layer-Based Focus and Context Metaphor. Lecture Notes in Computer Science, 2011, , 491-499.	1.0	3
214	Adapting User Interfaces by Analyzing Data Characteristics for Determining Adequate Visualizations. Lecture Notes in Computer Science, 2011, , 566-575.	1.0	3
215	Interacting with Semantics: A User-Centered Visualization Adaptation Based on Semantics Data. Lecture Notes in Computer Science, 2011, , 239-248.	1.0	10
216	Automatic Wood Log Segmentation Using Graph Cuts. Communications in Computer and Information Science, 2011, , 96-109.	0.4	5

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217	3D Model Retrieval Using the Histogram of Orientation of Suggestive Contours. Lecture Notes in Computer Science, 2011, , 367-376.	1.0	1
218	Classifying Interaction Methods to Support Intuitive Interaction Devices for Creating User-Centered-Systems. Lecture Notes in Computer Science, 2011, , 20-29.	1.0	2
219	A Comprehensive Reference Model for Personalized Recommender Systems. Lecture Notes in Computer Science, 2011, , 528-537.	1.0	3
220	3D Face Recognition with Local Binary Patterns. , 2010, , .		10
221	Sketch-based 3D model retrieval using diffusion tensor fields of suggestive contours. , 2010, , .		73
222	Human Action Recognition Using Segmented Skeletal Features. , 2010, , .		9
223	Effective Dynamic Scheduling on Heterogeneous Multi/Manycore Desktop Platforms. , 2010, , .		10
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